

Performance Drivetrain / Single Offset Traction Drive DTSO1-097

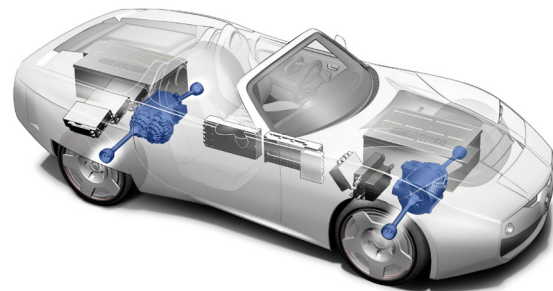


Specifications

| | |
|----------------------|---|
| Type: | Offset Drivetrain (DTSO1-097-HSM1-12.18.13) |
| Power: | 125 kW at 360 V _{DC} |
| Drive input torque: | up to 250 Nm |
| Drive output torque: | up to 2'350 Nm |
| Gear ratio: | 1:9.7 |
| Weight: | 52 / 23.9 kg (motor / gearbox) |
| Dimensions: | 456 x 501 x 325 mm (L/W/H) |
| Functions: | mechanical differential, parking lock |
| Motor type: | Hybrid Synchronous Motor (HSM) |

Applications & Benefits

The BRUSA Offset Traction Drive DTSO1-097 is a compact motor-gearbox unit. It's the perfect fit for passenger cars and light duty vehicles. By applying it to front, rear or both axles, powerful yet sophisticated drivetrains can be achieved. The drivetrain unit DTSO1 is at the A-sample stage.



Motor Specifications

| | |
|----------------|------------|
| Peak power: | 125kW |
| Peak torque: | 250 Nm |
| Nominal speed: | 4'800 rpm |
| Max. speed: | 11'400 rpm |

Specifications at coolant temperature = 25°C.

1 x HSM1-12.18.13 with 1 x DMC534 at 360 V_{DC}

